20020331.ba v03_n316.bam.20020331

>From ???@??? Sun Mar 31 20:32:59 2002 -0500
Message-Id: <200204010232.g312WgEu001794@sco.theporch.com>
Date: Sun, 31 Mar 2002 20:32:16 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3316

BOATANCHORS Digest 3316

Topics covered in this issue include:

1) signal generator
by Jerry Coker <jcoker@arches.uga.edu>
2) Re: signal generator
by Arden Allen <gumbear@pacbell.net>
3) Fwd: Re: signal generator
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
4) FS: OS-8C/U
by "Robert W. Downs" <RWDowns_WA5CAB@compuserve.com>
5) WTB or T: Heathkit TT-1A Tube Tester
by "Gary Harmon" <gharmon@idworld.net>
6) Re: signal generator
by AA8TV@aol.com
7) Re 7036
by "philip" <dgnova@erols.com>
8) Re: Re 7036
by W7QHO@aol.com
9) Call for Hallicrafters SX-88 Bezels
by "Gary Harmon" <gharmon@idworld.net>
10) Re: signal generator
by Arden Allen <gumbear@pacbell.net>
11) Re: Re 7036
by "Larry Saletzki" <wa9vrh@ocslink.com>
12) RE: Re 7036
by "Jim Berry" <basalop@gte.net>
13) Re: signal generator
by John Kolb <jlkolb@cts.com>
14) HQ-180 Cabinet
by "James B. Branch, MD" <cut2cure@earthlink.net>
15) Halli Xtal unit FS
by BEN NOCK <G4BXD@compuserve.com>
16) Marconi rx FS
by BEN NOCK <G4BXD@compuserve.com>
17) REF: FS PL-68
by Dan Arney <hankarn@pacbell.net>
18) Re Re Re 7036

by "philip" <dgnova@erols.com>
19) Re: 7036
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
20) Re: 7036 (yet more info)
by W7QHO@aol.com
21) How to polish knobs?
by WYsixK <wy6k@yahoo.com>
22) Anyone on the list an "insider" at SBE?
by john <johnmb@nc.rr.com>
23) Re: Odd tubes.
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
24) Re: 7036 (yet more info)
by Al Klase <skywaves@bw.webex.net>
25) Eddystone audio
by <w9ran@oneradio.net>

Date: Sat, 30 Mar 2002 02:44:21 -0500 (EST)
From: Jerry Coker <jcoker@arches.uga.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: signal generator
Message-ID: <Pine.A41.4.10.10203300206001.122050-100000@archa15.cc.uga.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Can anyone enlighten me as to a what type, or model, of signal generator I would need for doing repair work on broadcast receivers? My understanding is that I could inject audio and RF signals, of different frequencies, in the various stages of the radio circuitry, to isolate problems. Correct me if I'm wrong about that. RF signals in my geographic area are not very reliable. So for one thing, I'm currently not too confident about re-aligning some sets. I am looking for something reasonably priced since I am still new to radio repair. So I see no reason to invest in something necessarily vintage or expensive. Plus I'll need the manual :) I am currently only working on a few radios that span from the late 1930's-1950's, if that matters. Any advice, recommendations, pointers, etc. appreciated. Thanks.

****

Jerry Coker
Computer Network Support
Career Services Center
University of Georgia

Date: Sat, 30 Mar 2002 00:13:07 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: signal generator

To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GTS00GXN1HYAJ@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Jerry;

> Can anyone enlighten me as to a what type, or model, of signal generator
I
> would need for doing repair work on broadcast receivers? ....

For aligning AM broadcast band receivers the performance capability of a signal generator does not have to be that of a precision laboratory instrument. You can get by nicely with any of the Heath, Eico, Precision, RCA, etc. generators of the simple, basic type. They can be had cheaply on eBay and probably a list member has one to get rid of. As you move up in frequency towards 30 MHz the performance demands get greater. Better stability and shielding is required in order to do a proper job. The military URM-25D and F generators are adequate for work up to 30 MHz. Among a number of fine lab generators the Hewlett Packard 606A and B instruments are excellent. One note of caution when considering test equipment: Don't be scared by the mystery of test equipment. Most instruments are simpler than the devices you are testing. Get the intrument's service manual and learn the instrument well enough to service it properly. Any vintage instrument, like old radios, will require careful maintenance to fully enjoy its benefits.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-Id: <5.1.0.14.2.20020330080108.00b06ca8@po.muohio.edu>
Date: Sat, 30 Mar 2002 08:01:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Fwd: Re: signal generator
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Sat, 30 Mar 2002 08:00:32 -0500
>To: gumbear@pacbell.net
>From: "James C. Garland" <4cx250b@miavx1.muohio.edu>
>Subject: Re: signal generator
>
>Hi Jerry,
>Arden has given you good advice. I'd only add that you might look at

```
>function generators, as well as signal generators. Function generators
>(made by Wavetek, HP, and even Heathkit had one) are low frequency signal
>generators that go up to a couple of MHz, and down to below the audio
>range. In addition to a sine wave output, they typically produce a square
>wave and a triangle or ramp wave. They're very handy for servicing low
>frequency gear, are typically MUCH smaller than sig generators, and can be
>found on EBay used for well under $100.  The one disadvantage is that they
>normally can't be amplitude modulated (they can be FMed, though), but for
>your needs that probably isn't important.
>73,
>Jim Garland W8ZR
>
>At 03:13 AM 3/30/2002, you wrote:
>>Hi Jerry;
>>
>> > Can anyone enlighten me as to a what type, or model, of signal generator
>>I
>> > would need for doing repair work on broadcast receivers?  .........
>>
>>
>>For aligning AM broadcast band receivers the performance capability of a
>>signal generator does not have to be that of a precision laboratory
>>instrument.  You can get by nicely with any of the Heath, Eico, Precision,
>>RCA, etc. generators of the simple, basic type.

------------------------------
Date: Sat, 30 Mar 2002 08:43:43 -0500
From: "Robert W. Downs" <RWDowns_WA5CAB@compuserve.com>
Subject: FS: OS-8C/U
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200203300843_MC3-F7C5-BA93@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Groups,

Decided to sell my remaining OS-8 oscilloscope.  It is an OS-8C/U.  Works=

but the vertical amplifier seems to be noisy.  Price same as before, $25.=
00
plus shipping.

73
Robert Downs
<RWDowns_WA5CAB@compuserve.com>
```

Houston

From: "Gary Harmon" <gharmon@idworld.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB or T: Heathkit TT-1A Tube Tester
Date: Sat, 30 Mar 2002 08:30:21 -0600
Message-ID: <LKBBJFJHLNHAIBLNCHMEEEMOKOAA.gharmon@idworld.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Looking for a nice TT-1A tube tester.   Will pay cash or have other Heathkit and Drake stuff to trade. Also could use the TT-1A upgrade to the TT-1 tube tester. Same offer.

Thanks,

gary

===============
Gary H. Harmon, Jr.
K5JWK
6302 Robin Forest
San Antonio, TX 78239
(210) 657-1549
==================

From: AA8TV@aol.com
Message-ID: <149.c04ed26.29d74170@aol.com>
Date: Sat, 30 Mar 2002 11:27:28 EST
Subject: Re: signal generator
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Jerry,

I have two HP-606B signal generators on two different repair benches. I couldn't be happier with their performance. Paid less than $100 each for them.

73, Ed
AA8TV

Message-ID: <002b01c1d817$8fd47f00$88042c42@default>
From: "philip" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re 7036
Date: Sat, 30 Mar 2002 13:20:20 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

from GE book, essential characteristics:
7036 pentagrid amplifier
typical operating char:
gated amplifier
filament 6.3v at 0.3amp
plate 150v at 0 ma (yes zero)
screen 75v at 0 ma
neg grid volts 10
Rg1=Rg3=47000
load 20,000 ohms
diagram 7CH
G2 and G4 are screen
same base as 6BE6

From: W7QHO@aol.com
Message-ID: <6e.1a4f1dd3.29d761e1@aol.com>
Date: Sat, 30 Mar 2002 13:45:53 EST
Subject: Re: Re 7036
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

My Sylvania Industrial-Military Receiving Tube Cross Reference (1961) lists the 7036 as a 6BE6 equivalent but lower rated by approximately 10%. also infers it may have a taller bulb.

Dennis D. W7QHO
Glendale, CA

From: "Gary Harmon" <gharmon@idworld.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Call for Hallicrafters SX-88 Bezels
Date: Sat, 30 Mar 2002 13:49:24 -0600
Message-ID: <LKBBJFJHLNHAIBLNCHMEOEOAKOAA.gharmon@idworld.net>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A helpful ham is in the process of having SX-88 bezels CNC machined out of 6061 Aluminum. They will be 99 and 44/100 % like the original and finished with a black anodized semi-gloss satin. Price should be determined next week. If you are interested reply to me and I'll forward to the guy working the details.

Thanks,

===============
Gary H. Harmon, Jr.
K5JWK
6302 Robin Forest
San Antonio, TX 78239
(210) 657-1549
==================

Date: Sat, 30 Mar 2002 12:43:13 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: signal generator
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GTT006QT082S1@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Jim;

> ....I'd only add that you might look at
> function generators, as well as signal generators. Function generators
> (made by Wavetek, HP, and even Heathkit had one) are low frequency signal

> generators that go up to a couple of MHz, and down to below the audio
> range. In addition to a sine wave output, they typically produce a square

> wave and a triangle or ramp wave. ....

I couldn't agree more. While an audio generator, or the audio output from an RF generator, is essential for troubleshooting audio stages, a function generator will be more useful in the long run. For example, using its square wave output, checking tone controls while observing the response on a 'scope will get you to the crux of a problem a lot quicker. Also, the triangle wave gives a much better presentation of gross distortion. Some function generators exhibit a tiny switching transient at the amplitude peaks of its sine wave output which can be ignored once you are familiar with its presentation on a 'scope. That's because in a function generator the sine wave is constructed by a wide bandwidth wave shaping circuit that allows that little high frequency spike to seep through. A typical audio generator generates its sine wave from a narrow band tunable filter that generates no annoying little spikes. The one disadvantage of a function generator is its distortion is not as low as what's obtainable from a good quality Wein bridge or bridged T audio generator. That's a problem for the hi-fi perfectionist with a distortion analyzer. The sine wave from a function generator, however, is plenty good for doing proper repair work on radios and audio amplifiers.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-ID: <005f01c1d841$f2f34e70$580b1aa5@kws1>
From: "Larry Saletzki" <wa9vrh@ocslink.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Re 7036
Date: Sat, 30 Mar 2002 17:23:48 -0600
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all, If anyone is interested I have a number of 7036's available.

For Sale NEW 7036 (6BE6) tubes.
The boxes have the following information on them:
5960-00-074-4833 ELECTRON TUBE
1 EACH DLA900-82-G-0017-005
A-3/83 GE-7036 GENERAL ELECTRIC CO. Tubes are 5 to a sleeve.
The 7036 is electrically the same as the 6BE6 but it physically
taller. It is the same height as a 6AQ5 so tubes shields will
not fit from a 6BE6.
$11.00 per sleeve plus $3.95 priority mail shipping U.S. locations only.
1-4 sleeves $3.95 priority mail shipping
4-8 sleeves $7.90 priority mail shipping
Thanks Larry WA9VRH

----- Original Message -----
From: "philip" <dgnova@erols.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, March 30, 2002 12:20 PM
Subject: Re 7036

> from GE book, essential characteristics:

> 7036 pentagrid amplifier
> typical operating char:
> gated amplifier
> filament 6.3v at 0.3amp
> plate 150v at 0 ma (yes zero)
> screen 75v at 0 ma
> neg grid volts 10
> Rg1=Rg3=47000
> load 20,000 ohms
> diagram 7CH
> G2 and G4 are screen
> same base as 6BE6
>

From: "Jim Berry" <basalop@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Re 7036
Date: Sat, 30 Mar 2002 19:37:36 -0800
Message-ID: <000101c1d865$6714d6c0$1719e243@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My notes say a 5750 is a 6BE6. I would have to guess that a 5750 is the same height as a 6BE6. I would not hesitate a moment to replace 5750/6BE6's with 7036's. In fact I just may get some from Larry for my spares collection.

73 Jim K7SLI
>
> Hi all, If anyone is interested I have a number of 7036's
> available.
>
> For Sale NEW 7036 (6BE6) tubes.
> The boxes have the following information on them:
> 5960-00-074-4833 ELECTRON TUBE
> 1 EACH DLA900-82-G-0017-005
> A-3/83 GE-7036 GENERAL ELECTRIC CO. Tubes are 5 to a sleeve.
> The 7036 is electrically the same as the 6BE6 but it physically
> taller. It is the same height as a 6AQ5 so tubes shields will
> not fit from a 6BE6.
> $11.00 per sleeve plus $3.95 priority mail shipping U.S.
> locations only.
> 1-4 sleeves $3.95 priority mail shipping
> 4-8 sleeves $7.90 priority mail shipping
> Thanks Larry WA9VRH

>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.343 / Virus Database: 190 - Release Date: 3/22/2002

Date: Sat, 30 Mar 2002 22:23:34 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: signal generator
Message-ID: <Pine.BSF.4.44.0203302201140.45508-100000@king.cts.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 30 Mar 2002, Jerry Coker wrote:

> Can anyone enlighten me as to a what type, or model, of signal generator I would need for doing repair work on broadcast receivers? My understanding is that I could inject audio and RF signals, of different frequencies, in the various stages of the radio circuitry, to isolate problems. Correct me if I'm wrong about that. RF signals in my

What quality signal generators like the HP 606 series, or the URM-25 offer is a calibrated output level, and enough shielding to output accurate low levels of signal, needed to determine if the sensitivity of quality SW receivers is correct.

For alignment of bcst band or lower quality SW receivers, it's only necessary to have known frequencies near the top and bottom of the band being aligned. The oscillator will be adjusted to make the dial read correctly, and the RF stage(s) will be peaked to track the oscillator.

I built an alignment generator many years ago that's useful for that sort of alignment. It consists of a 4 MHz crystal and two switchable chains of digital dividers, The 4 MHz will first be divided by 1, 2, 4, 8, 16 or 32 to produce 4, 2, 1, 0,5, 0.25 or 0.125 MHz and then divided by a chain of divide by 10's to divide by 1, 10, 100, or 1000. The output can be either a square wave or a narrow pulse, which is much richer than a square wave in higher hormonics. This is basically the same as the fixed frequency crystal oscillator found on many SW receivers except I can set it for many different frequency spacings. Setting divide by 8 and divide by 10 would give markers every 50 kHz. Setting for divide by 1 and divide by 100 would give markers every 40 kHz.

I built this up when I had a HRO500. The previous owner had "aligned" it. He adjusted the main tuning cap so that the dial was perfectly on at each xtal cal marker freq. In the process, he had the adjustment tabs on the tuning cap shaped like a saw, /\/\/\/\, and it was up to 10 kHz off freq at dial points between the marker freqs. To correct it, I had to bend the tabs back to a straight line, then make SLIGHT adjustments to make the dial track. For this sort of task fixed markers at 50 or 25 kHz are not sufficent. With my gnerator, I could get markers at 100 kHz, 50, 40, 25, 20, 10, ect, most of which were necessary.

John

To: Old Tube Radios <boatanchors@theporch.com>
CC:
From: "James B. Branch, MD" <cut2cure@earthlink.net>
Subject: HQ-180 Cabinet
Message-Id: <31030290.20407@webbox.com>
Mime-Version: 1.0
Content-Type: text/plain
Date: Sun, 31 Mar 2002 05:40:23 -0800

Howdy.

I've got an HQ-180C needing a new cabinet. I prefer a '180 component, but would be happy with a '170 or other compatible cabinet. I hate the thought of anyone "parting-out" one of these rigs, but does anyone know of a source? The condition of the paint is of minor importance to me, I'm just looking straight sheet metal with no more than surface rust.

Jim Branch
cut2cure@earthlink.net

Date: Sun, 31 Mar 2002 10:11:09 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Halli Xtal unit FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200203311011_MC3-F7EB-AB3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1

Content-Disposition: inline

Collectors Item.

Hallicrafters HT-7 Frequency Standard
1 Mhz, 100 Khz and 10 Khz. =

Good external condition, 240v operation.
unit working but 1 Mhz xtal sluggish, maybe needs
cleaning/replacing otherwise nice unit. =

40 Pound plus PP.

Ben (Worcestershire)

Date: Sun, 31 Mar 2002 10:11:11 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Marconi rx FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200203311011_MC3-F7EB-AB5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Marconi AD118 Aircraft RX =

6 band 150-510 Khz and 2 to 18.5 Mhz
12 valve single conversion s/h, with rotary, =

AM/CW with narrow CW filter.
8 by 8 by 12.5 inch, 18.7 lbs.
with circuits and component layout diagrams.

60.00 Pound or swap for other sets

collect (Worcs) or post extra

Bn.

Date: Sun, 31 Mar 2002 09:45:11 -0800
From: Dan Arney <hankarn@pacbell.net>
Subject: REF: FS PL-68
To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <3CA74B27.6040007@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=us-ascii
Content-transfer-encoding: 7bit

I have new brass PL-68 mike plugs for sale. $6.50 postpaid in US, $7.25 to Canada, $8.50 rest of the world.
First 35 replies.
Send money to:
Dan Arney
c/o Global PAck & Mail
21315 Saticoy St. Unit R
Canoga Park, CA 91304-5685
Prefer USPS MO. Good US Ham checks OK.

Thanks,
Hank
KN6DI

Message-ID: <005301c1d8fa$05188080$12142c42@default>
From: "philip" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re Re Re 7036
Date: Sun, 31 Mar 2002 16:21:24 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Odd the responses the 7036 got.
I looked it up in the GE essential characteristics book, where it is listed as a gated amplifier, with the same pin out as a 6BE6
Everyone else got it as a 6BE6
Is this a mistake by GE or is this tube a specially selected 6BE6

Message-ID: <008b01c1d8ff$d34e03d0$e7168490@server>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 7036
Date: Mon, 1 Apr 2002 08:03:00 +1000
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW the AVO valve manual gives 5915A and EH900S as equivalents for the

```
7036.  Brian Goldsmith.


----- Original Message -----
From: "philip" <dgnova@erols.com>

Odd the responses the 7036 got.
I looked it up in the GE essential characteristics book, where it is
listed as a gated amplifier, with the same pin out as a 6BE6
Everyone else got it as a 6BE6
Is this a mistake by GE or is this tube a specially selected 6BE6

------------------------------
From: W7QHO@aol.com
Message-ID: <84.25e6e97e.29d8e8bf@aol.com>
Date: Sun, 31 Mar 2002 17:33:35 EST
Subject: Re: 7036 (yet more info)
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

>From Sylvania Industrial-Military Receiving Tube Cross Reference (1961):

6BE6,  Heptode Converter

Industrial-Military Versions:  5750, GB-5750, 5750/6BE6W (Mil), 5915, 5915A,
5915 (Mil), 7036.

Difference in rated Characteristics:

"Types GB-5750 and 5750/6BE6W (Mil) are higher rated approx 10%.  Types 5915,
A, 5915 (Mil) and 7036 are lower rated approx. 10%.  Type 7036 is a 5915A in
a half inch longer bulb."

The Radio Shack Substitution Handbook also lists the 7502 as a 6BE6
equivalent.

Dennis D.  W7QHO
Glendale, CA

------------------------------
Message-ID: <20020401003002.9033.qmail@web10905.mail.yahoo.com>
Date: Sun, 31 Mar 2002 16:30:02 -0800 (PST)
From: WYsixK <wy6k@yahoo.com>
Subject: How to polish knobs?
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
```

Content-Type: text/plain; charset=us-ascii

I need to know the favored product to use to polish up knobs. I know I've seen this topic go by but the only answer I remember is toothpaste and I tried that and don't like the results. I got the best results so far from Turtle Wax Polishing compound. But it still doesn't give the results that others have gotten. Any suggestions?

Thanks,
Michael

____
Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

Message-Id: <3.0.3.32.20020331200928.014b1f84@pop-server.nc.rr.com>
Date: Sun, 31 Mar 2002 20:09:28 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Anyone on the list an "insider" at SBE?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

About a year ago, I bought a transceiver that was for sale as a "proto" SBE34. I've just uploaded some pictures and have been trying to figure out just what this is I have. In many respects it's for sure a SBE34....yet
it's just different enough in other areas to wonder. Regardless, the craftsmanship is superb, and I can't figure out why someone would "devo" a 34 to a HB chassis.

Anyone on the list know anything about the why's and wherefores of the SBE34 development that might know for sure? I know that's a long shot, but I've been surprised before at the knowledge base on this list.

I note (after getting a cautionary note from K4CCF) that the SBE34 _does_ have a power transformer, and isn't just tripling the line V, as in the widow maker SBE33.

Thanks!
John

Message-ID: <000901c1d91d$c94f4920$e7168490@server>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Odd tubes.
Date: Mon, 1 Apr 2002 11:37:29 +1000
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings to all.While the subject of odd tubes is running,does anyone know anything about the 6136 which was used in a piece o equipment which normally would have had a 6AU6 fitted.The info. I have indicates the 6136 is not a complete equal to the 6AU6.

Brian Goldsmith.

Message-ID: <3CA7C188.B914D0F3@bw.webex.net>
Date: Sun, 31 Mar 2002 21:10:16 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 7036 (yet more info)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Be careful! Sibley's Tube Lore says the 7036 is a 5915 in a slightly larger envelope. He further says that the 5915 is SHARP CUTOFF. The signal grid, grid 3, in the 6BE6 has REMOTE CUTOFF characteristics and is often used as part of the AGC system in radio receivers. If grid 3 is connected to the AGC bus, I wouldn't make this swap. 6BE6's are cheap and plentiful.

Most of the world's substitution guides say a 6AU6 is equivalent to a 6BA6. This is WRONG for the same reason. Substitutions like this are OK in an emergency, but they're likely to subtly degrade performance of the radio.

W7QHO@aol.com wrote:

> ....
> "Types GB-5750 and 5750/6BE6W (Mil) are higher rated approx 10%. Types 5915, A, 5915 (Mil) and 7036 are lower rated approx. 10%. Type 7036 is a 5915A in a half inch longer bulb."
>
> The Radio Shack Substitution Handbook also lists the 7502 as a 6BE6 equivalent.

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Al Klase - N3FRQ

skywaves@bw.webex.net
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Web Page: http://www.webex.net/~skywaves/home.htm

Message-ID: <012501c1d925$16432100$fb396f0a@direcpc.com>
From: <w9ran@oneradio.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Eddystone audio
Date: Sun, 31 Mar 2002 20:27:52 -0600
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Wonder if anyone has an Eddystone 680X receiver or similar that uses the p-p 6AM5 (EL91) audio outputs?   Looking for a schematic and/or spare pair of tubes.   Mine has always had low audio and is badly distorted except at very low levels.   It's a beautiful receiver but lacking a good schematic, a tube tester that will test them, or tubes to swap I'm not having too much luck.   At $20 each, I'm not inclined to pop for a pair of new ones just to find out!

Thanks for any help on this one,

73, Bob W9RAN

End of BOATANCHORS Digest 3316
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